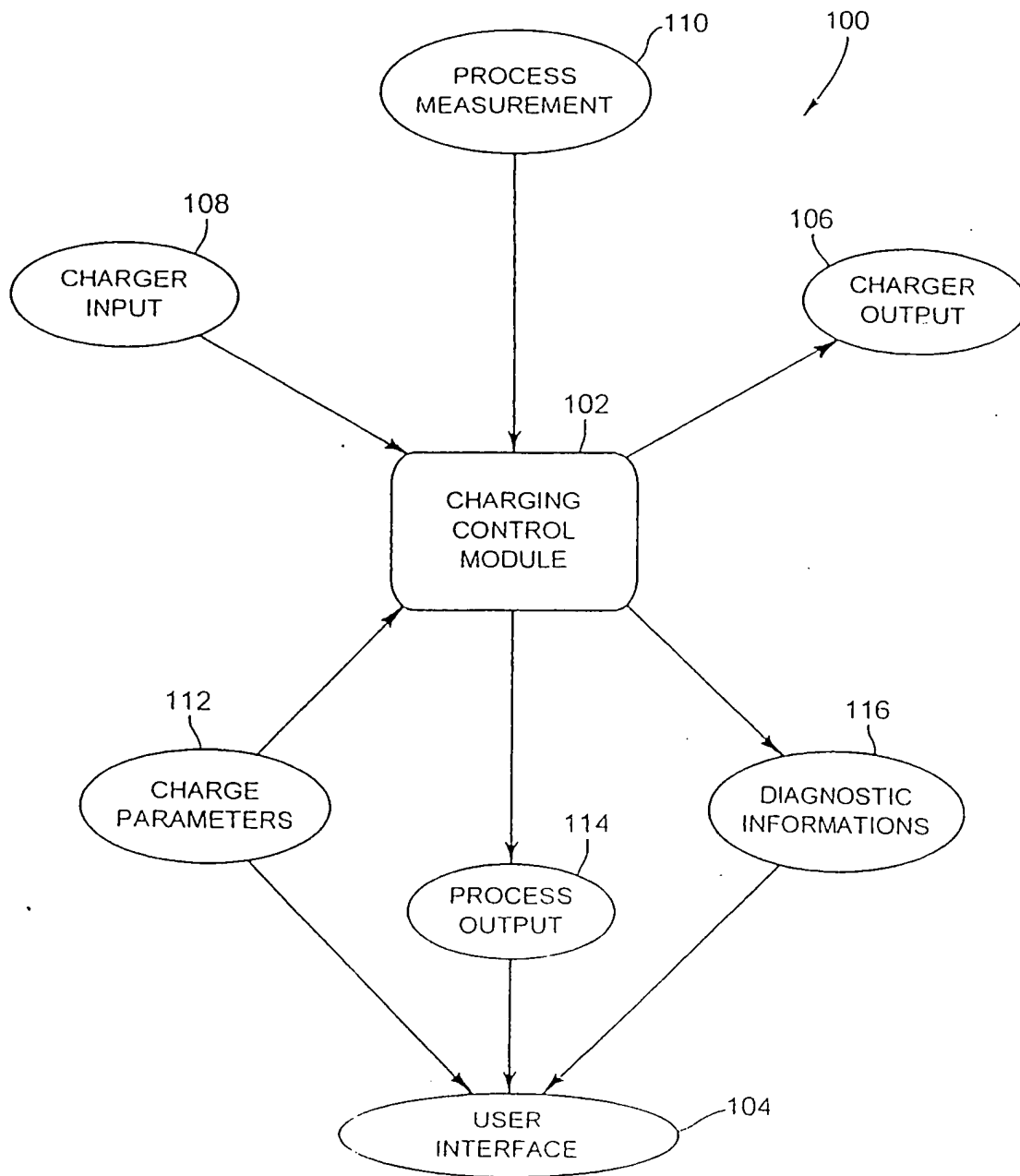


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SYSTEM ARCHITECTURE

FIG. 1

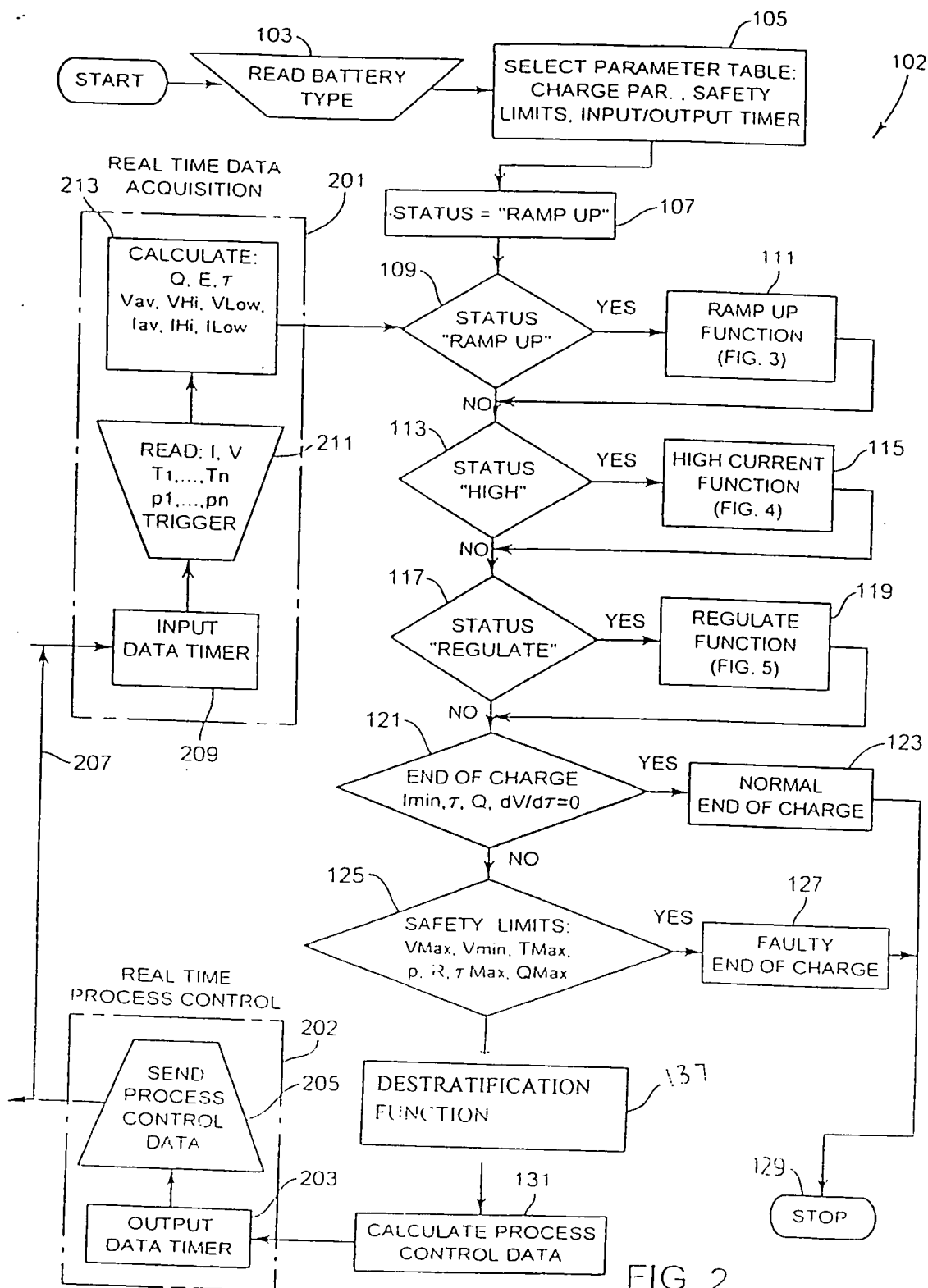


FIG. 2

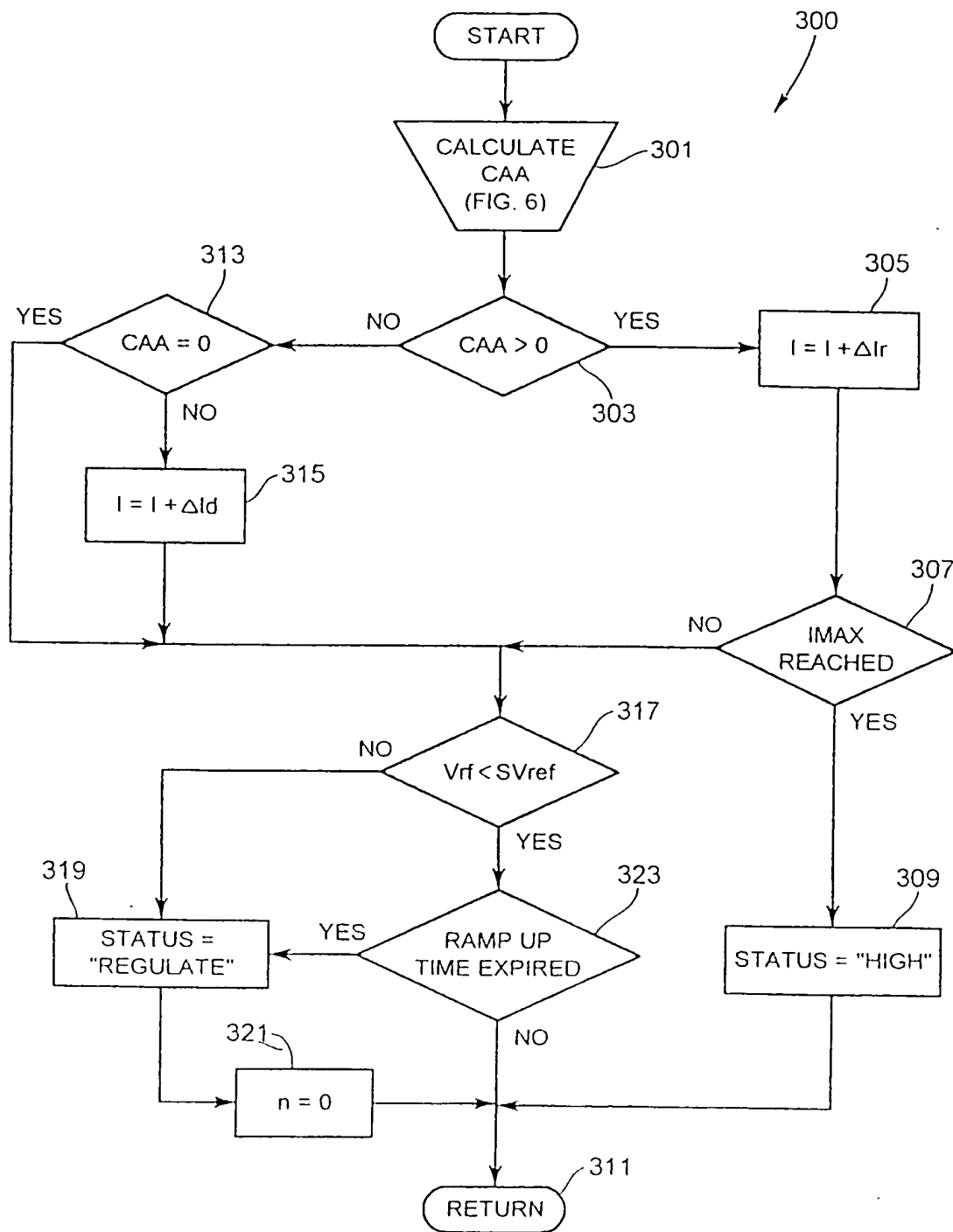


FIG. 3

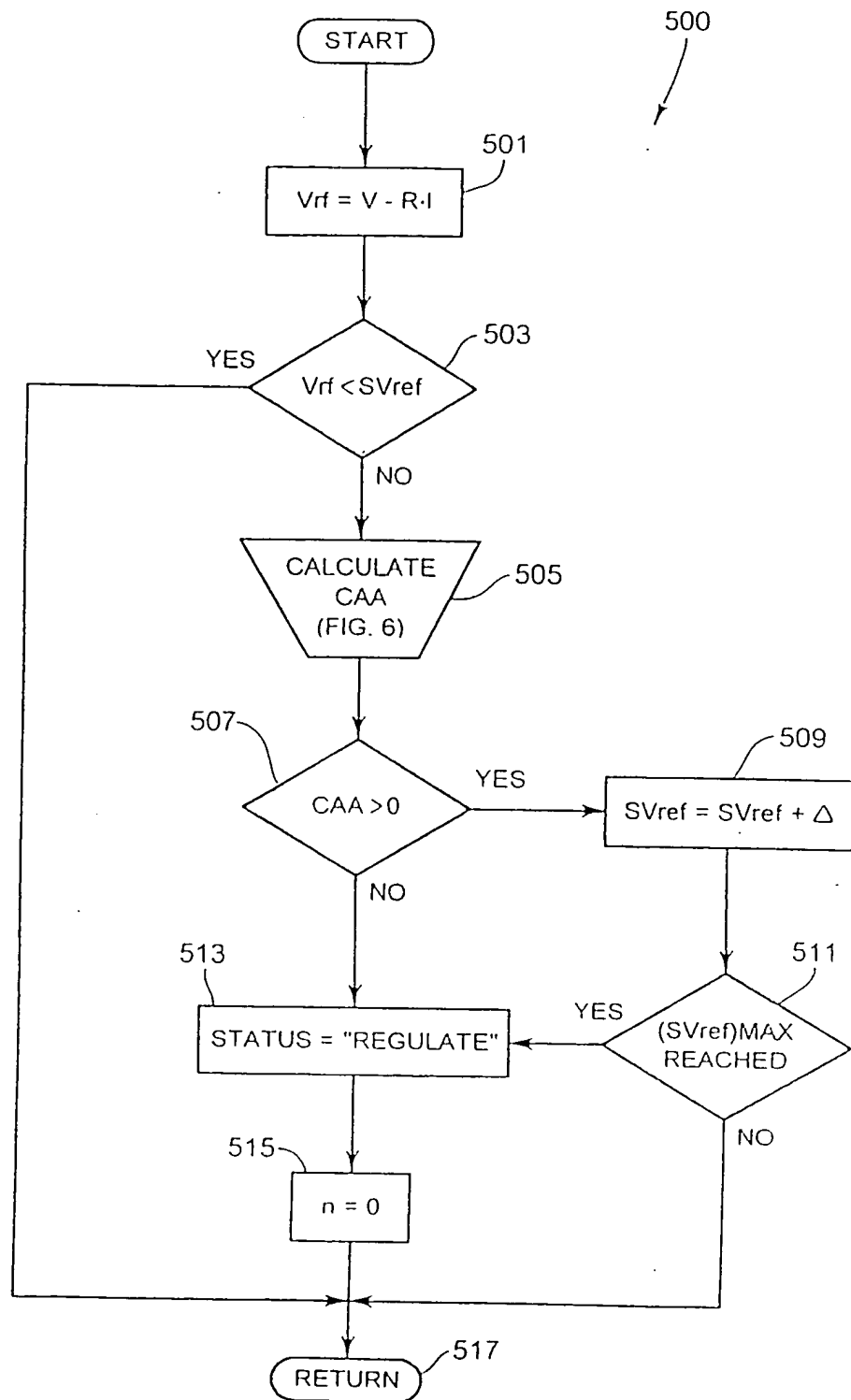
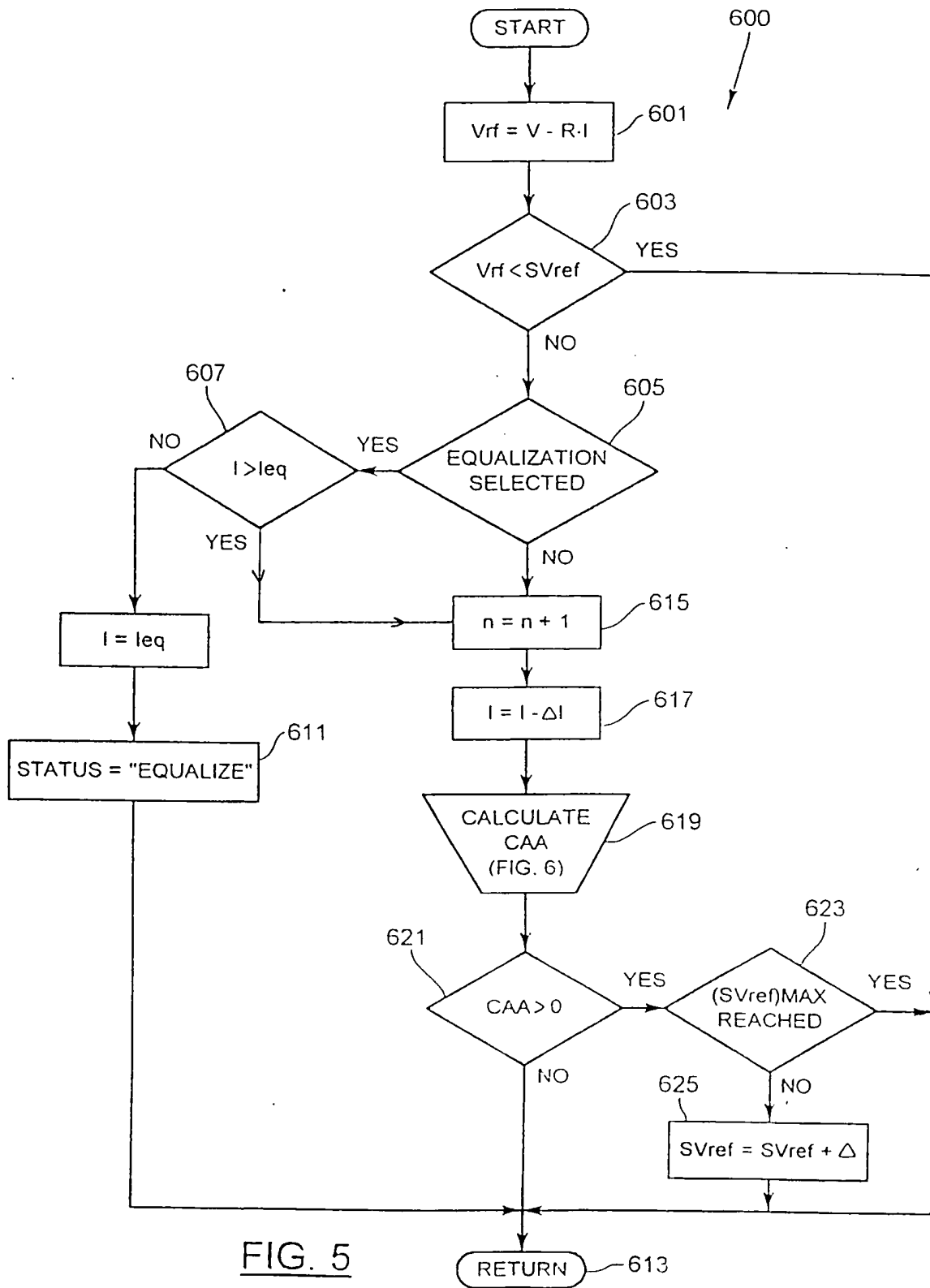


FIG. 4



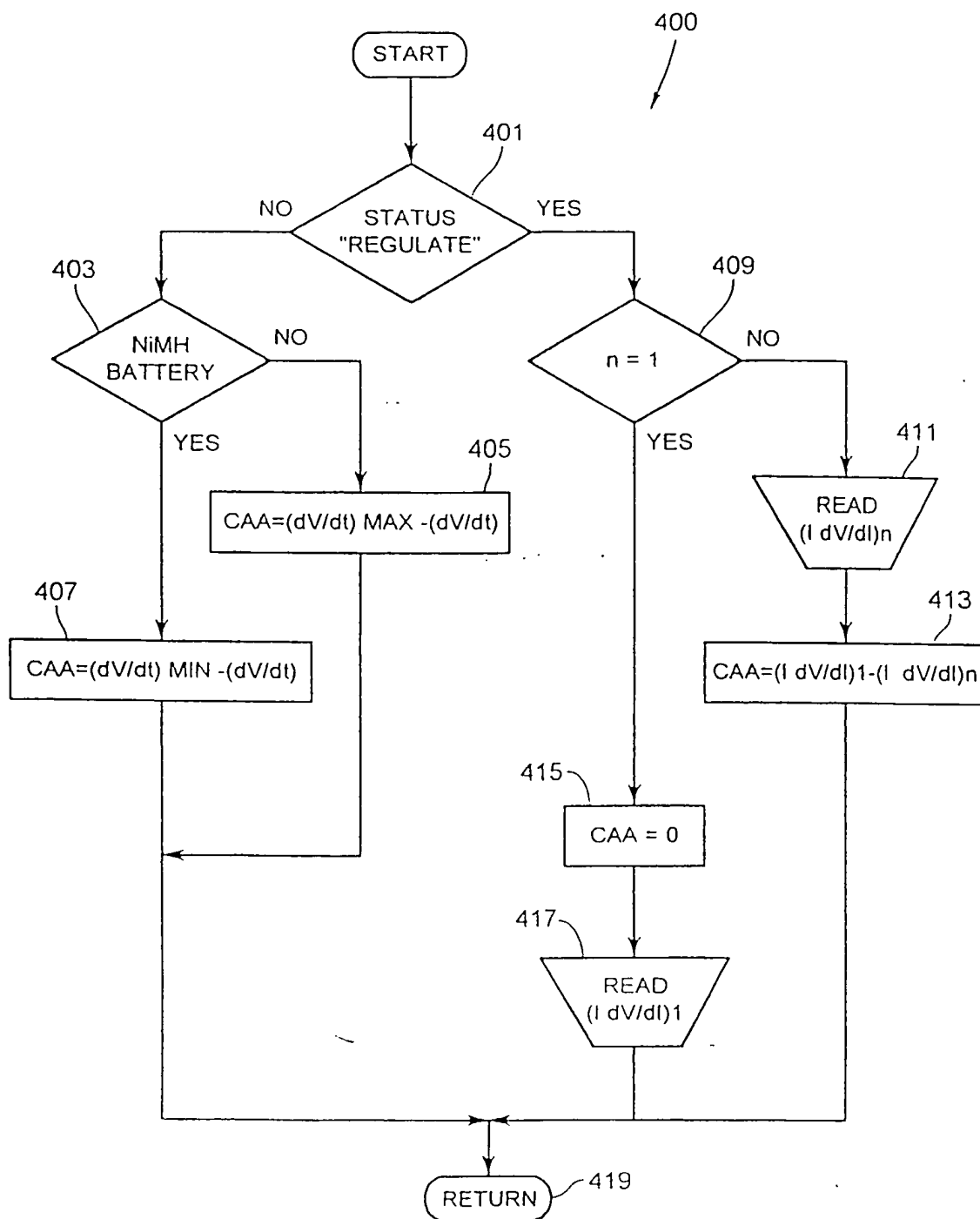


FIG. 6

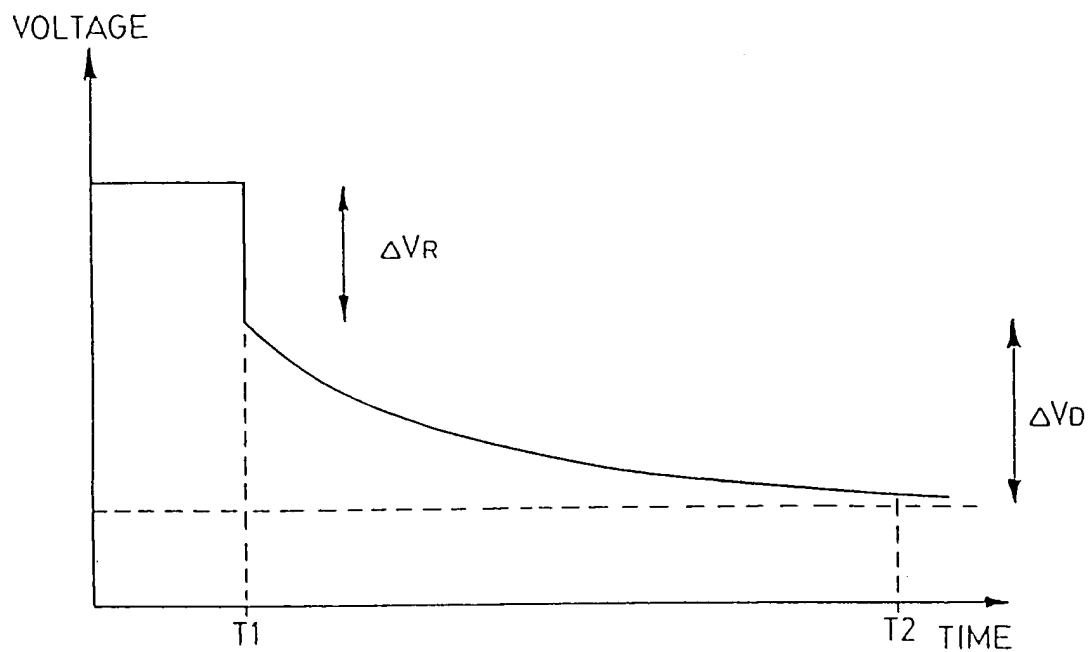


FIG. 7

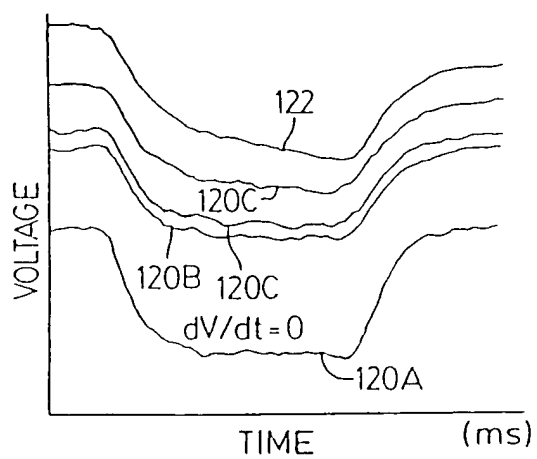


FIG. 8

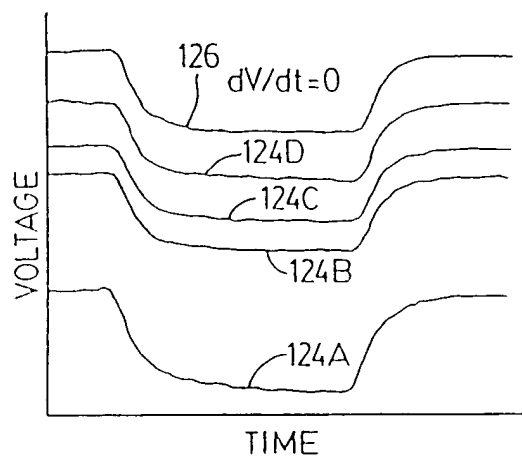
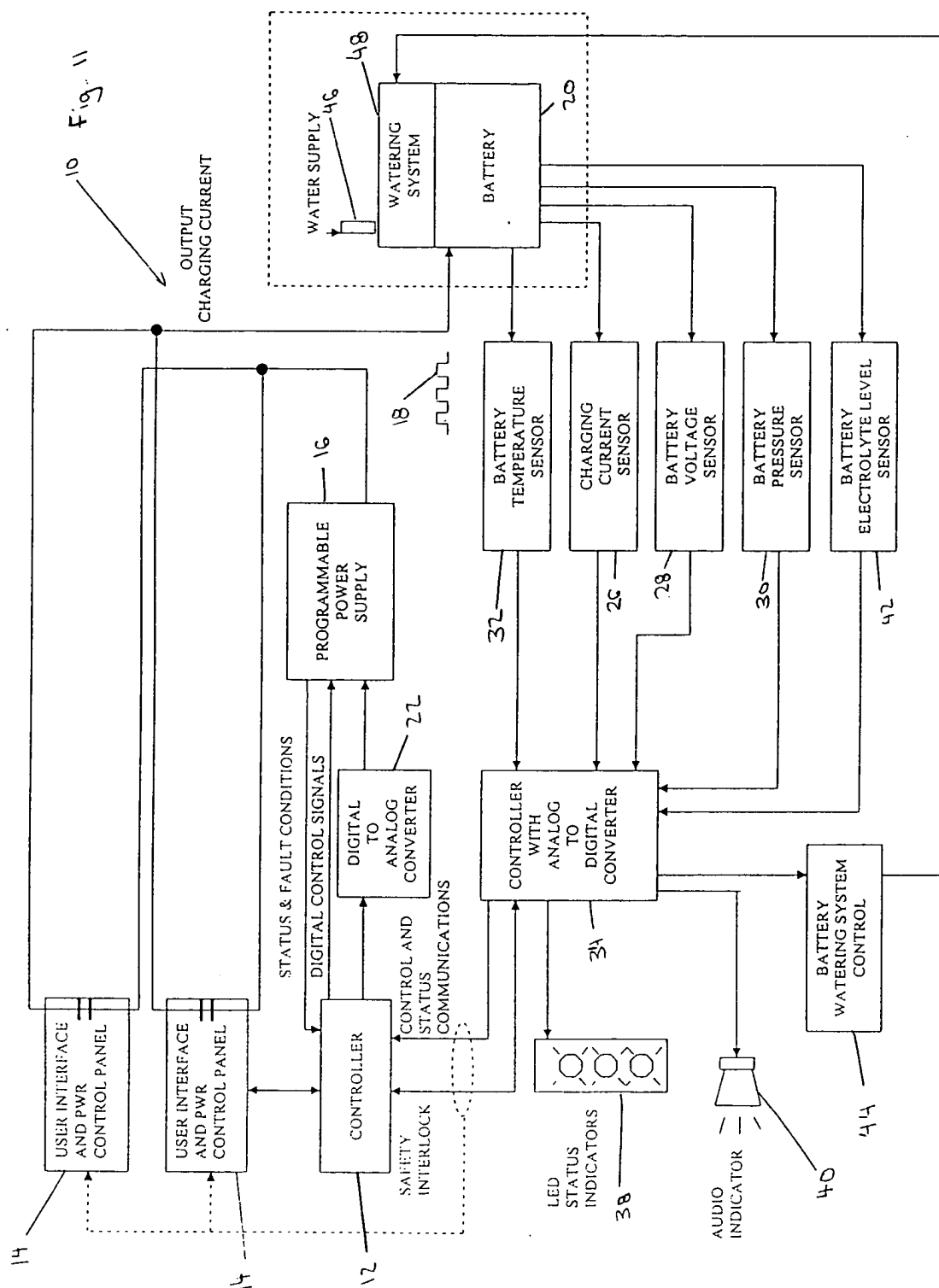


FIG. 9

TIME [min]





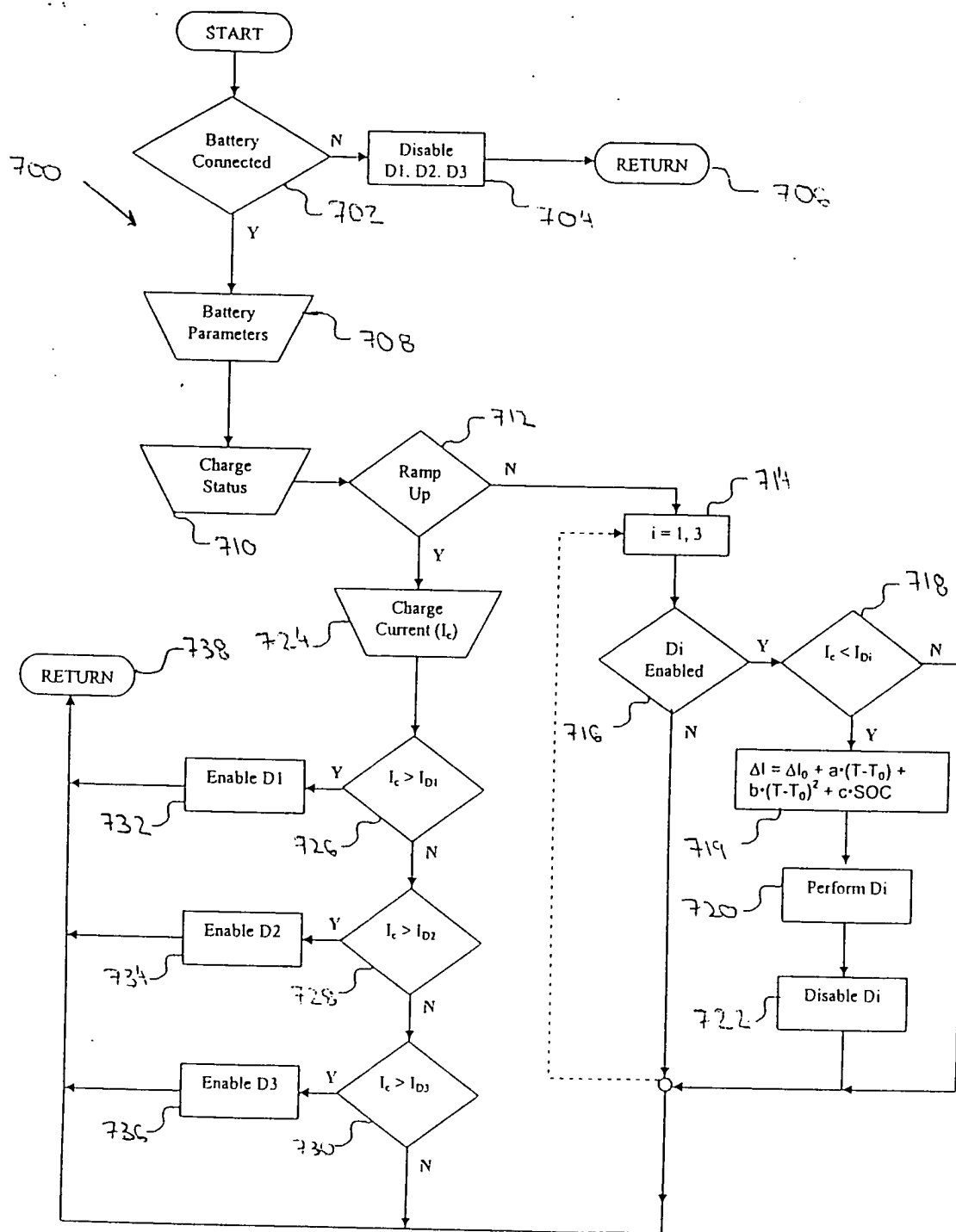


Figure 12